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(An associated College of University of Lucknow)

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RECEPTION COMMITTEE

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Dr. Munendra Singh, Assistant Professor, Department of History

Dr. Amit Kumar Rai, Assistant Professor, Department of History



National Seminar

On

Innovative Methods of Teaching Physics

(March 5 - 6, 2020)

Organized by

Department Of Physics

Shia P. G. College, Lucknow

(An Associated College of University of Lucknow)



Information Brochure

Venue:

**Shia P.G. College, Khadra, Sitapur road
Lucknow-226020**

ABOUT SHIA P.G. COLLEGE

Shia College is one of the premier institutions spreading the light of learning and knowledge to a large number of students under the management and control of the Board of Trustees of Shia College and Allied Institutions. Keeping the best traditions of Prophet Mohammad (S.A.) who said, "To seek knowledge and learning is obligatory for all Muslim men and women" his daughter Fatima (S.A.) and his twelve successors (A.S.) the first of whom Hazrat Ali (A.S.) said, "Let no child remain uneducated while I hold the reigns of power". The College has served all the communities without discrimination, maintaining high standards of secularism and patriotism from its very inception.

Shia College which was started as a school in 1919, established with lofty ideals, has grown from a school to a postgraduate College within eight decades enrolling about 10,000 students and 200 teachers and about the same number of non-teaching staff.

God willing the College shall continue to grow to greater heights to serve the nation and humanity in a still better way.

SEMINAR : AN OVERVIEW

Over the past two decades, an increasing number of Physics educators have been turning their research attention to the problems of Physics and science education. One of their major concerns today is the inability or failure of students to appreciate, recognize and process the subject, especially in the discernment of the fundamentals. Science education is generally hierarchical and students who do not learn the basics find it more difficult to learn more advanced concepts. Two of the most common specific issues in physics education include: (i) students develop weak qualitative understanding of concepts; and (ii) students often encounter learning difficulties such as alternative conceptions that hinder understanding of targeted concepts. Moreover this is a well known fact that more than just conveying facts or finding in Physics, students will love to explore the world of Physics. The various innovative methods and techniques to teach Physics can substitute the typical and conventional teaching methods to achieve the goal.

The theme of the seminar is "Innovative Methods of Teaching Physics". The purpose of the theme of the seminar is how we can popularize Physics for the students studying at different levels starting from the school level to the post graduate level by applying different interesting and innovative methods or techniques to teach the various principles of Physics subject.

The theme and sub-themes of the seminar are as following:

Theme :

Innovative Methods of Teaching Physics

Sub Themes :

Techniques for making teaching Physics more interesting

Teaching Physics by simple demonstrations

Teaching Physics by using class students as Physics models

Teaching physics by Story-Telling, Role-play & Sports based learning

Role of Social - Media to teach Physics

ICT enabled methods to teach Physics

Teaching Physics by citing examples in our daily life.

Any other field of Research

HOW TO REACH & WEATHER

The historic city of Lucknow is the capital city of Uttar Pradesh, India which is also known as city of Nawabs. Shia P.G.College is located around 6 Km. from Lucknow Railway Station, Charbagh and around 15 km from Lucknow Airport. Buses are also available on frequent basis from all the major cities. Lucknow Airport & Railway station both are well connected to Shia P. G. College through city buses & private taxies.

Weather in the first week of March in Lucknow is moderate and pleasant. Highest and low temperatures are expected to remain around 29^o C and 15^o

CALL FOR PAPERS

Technical papers (oral/poster) on the above theme & sub themes and related topics are invited for presentation in the different technical sessions of the Seminar . The authors should send two copies of extended abstract (not exceeding two A-4 size pages typed in 12 pt., Times Roman font with double spacing) of their original works latest by February 26, 2020. Authors are requested to send a copyright form duly signed by the author(s) alongwith the abstract on shiapcollegeimtp@gmail.com.

IMPORTANT DATES

S. No.	Description	Date
1	Last Date of Receipt of Abstract	26-Feb-20
2	Acceptance of Abstract	26-Feb-20
3	Submission of Final Paper	29-Feb-20
4	Last date of Acceptance of Final Paper	29-Feb-20
5	Last Date of Registration(Online)	4-Mar-20
6	Seminar	March 5 & 6, 2020

REGISTRATION FEE DETAILS

Academicians/ Researchers	500/-
Students	200/-

REGISTRATION PROCEDURE

The registration form duly filled in all respects alongwith the prescribed registration fee needs to be sent to the Co-convener/ Treasurer.

Registration fee could also be remitted either online or by demand draft drawn on a nationalized bank, in favour of Shad Hussain

Account details for remitting the fee online:

Name of the Account Holder: Shad Husain

(Dr. Shad Husain is the Co-convener/Treasurer of the Seminar)

Account No- 540802010013030

IFSC Code: UBIN0554081

Name of the Bank: Union Bank of India

Branch: Shia Degree College, Lucknow, UP

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Professor Emeritus, IIT, Kanpur

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Head, Department of Physics, University of Lucknow

Prof. M.M. Verma

Visiting Scientist, CERN (European Centre for Nuclear Research), Professor, LU

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Department of Physics, Gorakhpur University

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Department of Physics, IIT, Roorkee

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Dr. Mahendra Agnihotri, Deptt. of Physics, University of Lucknow

Dr. Atul Srivastava, Deptt. of Physics, University of Lucknow

Dr. Ishtvibhu, Head, Y.D. College, Lakhimpur

KEYNOTE SPEAKERS

Prof. H.C. Verma

Professor Emeritus, IIT, Kanpur

Prof. Shantanu Rastogi

Department of Physics, Gorakhpur University

Prof. Poonam Tandon

Head, Department of Physics, University of Lucknow

Prof. M.M. Verma

Visiting Scientist, CERN (European Centre for Nuclear Research), Professor, LU

Prof. Rajiv Manohar

Department of Physics, University of Lucknow

Dr. Sanjai Misra

Associate Professor, Department of Physics, BSNV P.G. College, Lucknow

PROGRAMME IMTP - 2020

(MARCH 05, 2020)

Inaugural Session (K - Hall)

09:30 AM	Registration
10:30 AM	Tilawat-e-Quran
10:35 AM	Welcome of the Guests
10:45 AM	Seminar Overview by Dr. B. B. Srivastava, Convener of the Seminar
11:00 AM	Welcome address by Prof. T. H. Naqvi, Principal, Shia P. G. College, Lko.
11:15 AM	Address by Mr. S. A. M. Shamsi, Manager, Managing Committee, Shia P. G. College, Lko.
11:30 AM	Address by Chief Guest
11:40 AM	Address by Prof. Poonam Tandon
11:50 AM	Keynote Address by Prof. M. M. Verma
12:20 PM	Keynote Address by Prof. Rajiv Manohar
12:50 PM	Address by Maulana Yasooob Abbas, Secretary, Majlis-e-Ulema
01:00 PM	Address by Prof. Aziz Haider, President, B. O. T., Shia College, Lucknow
01:20 PM	Vote of Thanks by Dr. S. Ali Kausar Rizvi, Head/Co-ordinator
01:30 PM	Lunch

PRESENTATION SCHEDULE IMTP - 2020

Day 1 : March 05, 2020

Post Lunch Technical Sessions (K - Hall)

(A) Technical Session - I	1.30PM to 02.30PM
(B) Technical Session - II	02.30PM to 03.30PM
Tea Break	03.30PM to 03.45PM
© Technical Session - III	03.45PM to 04.45PM

Day 2 : March 06, 2020

Post Lunch Technical Sessions (K - Hall)

(D) Technical Session - IV	- 10.30AM to 12.00 Noon
Technical Session - V	- 12.00 Noon to 01.30PM
Lunch	- 1.30PM to 02.00PM
Technical Session - VI	- 02.00AM to 03.30PM
Valedictory Session	- 3.30PM to 04.00PM
High Tea	- 4.00PM to 04.30PM